1   13.   (Amended)   Electronic data signals received through a port of a router, said elec-

2   tronic data signals for implementing a method for routing a source routed packet to a Source

3   Route Bridge (SRB) subnet for a destination station, comprising:

4   maintaining an address resolution protocol table (ARP table) in said router having an

5   entry for each station on said SRB subnet to which said router routes packets, said entry

6   having a first field containing a Layer 3 address of said each station, said entry having a sec-

7   ond field containing a Layer 2 address of said each station including a physical (MAC) ad-

8   dress and routing information (RIF information) from said router to said each station, and;

9   writing said routing information read from said second field of said ARP table into a

10   Route Information Field (RIF) in a message packet before routing said message packet to

11   said SRB subnet for said destination station.

1   14.   (Amended)   An ARP table data structure stored in a computer memory of a router,

2   comprising:

3   an entry for each station on a Source Route Bridge (SRB) subnet to which said router

4   routes packets, said entry having a first field containing a Layer 3 address of each said sta-

5   tion, said entry having a second field containing a Layer 2 address of said station including a

6   physical (MAC) address and routing information (RIF information) from said router to said

7   each station, said routing information in said second field of said ARP table used for writing

8   RIF information into a Route Information Field (RIF) in a message packet before routing said

9   message packet to said SRB subnet for said each station.

1

IN THE ABSTRACT:

Please replace the Abstract of the specification with the following replacement to in-

corporate the revisions set forth on the accompanying replacement page:

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